

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Yasushi Uesaka et al.

Patent No.: 7,796,863

Issued: September 14, 2010

For: APPARATUS AND COMPUTER-  
READABLE PROGRAM FOR  
GENERATING VOLUME IMAGE

Confirmation No. 1903

October 20, 2010

Costa Mesa, California 92626-7689

**REQUEST FOR CERTIFICATE OF CORRECTION**

ATTN: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sirs:

Attached is a proposed Certificate of Correction to be issued in the above-identified case.

**On the Cover Page of the Patent**

The Priority Data of the Provisional Application No. 60/483,229, filed on June 30, 2003 needs to be added.

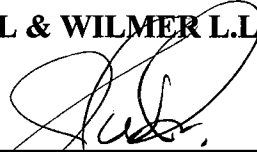
A copy of front page of the PCT Publication No. WO 2004/077827 listing this priority is enclosed. Also enclosed is a copy of the executed Declaration and Power of Attorney listing the Application Priority Data along with a copy of the Official Filing Receipt which also indicates the Application Priority Data.

There is no charge for this request as this represents a US Patent Office error.

If there are any questions with regard to this matter, please contact the undersigned attorney at the listed telephone number.

Very truly yours,

**SNELL & WILMER L.L.P.**

A handwritten signature in black ink, appearing to read 'J. Price', is written over a horizontal line.

---

Joseph W. Price  
Registration No. 25,124  
600 Anton Boulevard, Suite 1400  
Costa Mesa, CA 92626-7689  
Phone: (714) 427-7420  
Fax: (714) 427-7799

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,796,863  
APPLICATION NO.: 10/561,208  
ISSUE DATE : September 14, 2010  
INVENTOR(S) : Yasushi Uesaka et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Cover Page of the Patent  
The Priority Data of the Provisional Application No. 60/483,229, filed on June 30, 2003 needs to be added.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Joseph W. Price, Esq., Snell & Wilmer LLP  
600 Anton Blvd., Suite 1400, Costa Mesa, CA 92626

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

(19) World Intellectual Property  
Organization  
International Bureau



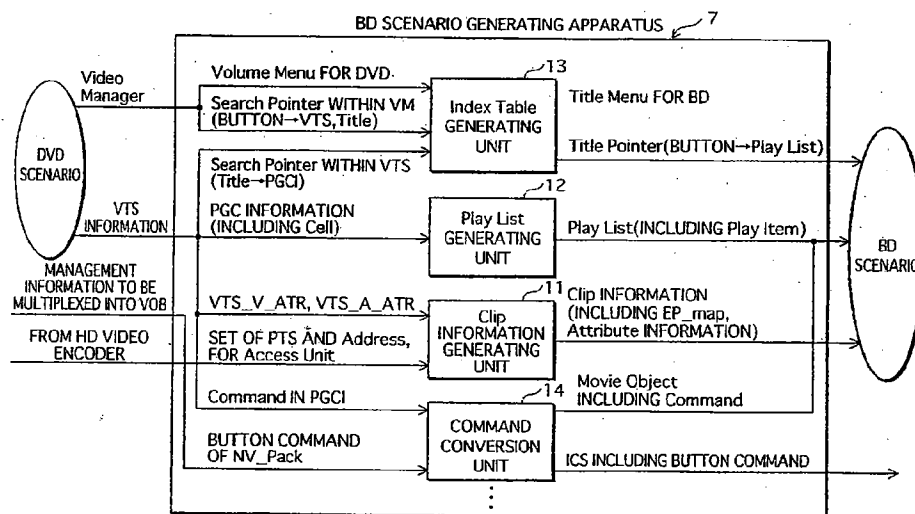
(43) International Publication Date  
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number  
WO 2005/002232 A2

- (51) International Patent Classification<sup>7</sup>: H04N 7/24
- (21) International Application Number: PCT/JP2004/009574
- (22) International Filing Date: 30 June 2004 (30.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/483,229 30 June 2003 (30.06.2003) US
- (71) Applicant (for all designated States except US): MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 5718501 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): UESAKA, Yasushi. OKADA, Tomoyuki. KOZUKA, Masayuki.
- (74) Agent: NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 5310072 (JP).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published: — without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: APPARATUS AND COMPUTER-READABLE PROGRAM FOR GENERATING VOLUME IMAGE



(57) Abstract: Provided is a generating apparatus that generates a DVD-Video volume image, and a BD-ROM volume image, that each have: a digital stream, path information, and a jump table, where in the respective digital streams, a button command to be executed by a playback apparatus, in playing back the digital stream, is incorporated. A BD-scenario generating apparatus 7 obtains path information, a jump table, and a button command, which are for the BD-ROM, by converting any one of the description schemes for the path information, the jump table, and the button command for the DVD-Video.

Docket No.

MEI Form -1.2, (July 1, 2005)

# DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

☒ Original ☐ Supplemental ☐ Substitute ☐ PCT ☐ Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; and I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: APPARATUS AND COMPUTER-READABLE PROGRAM FOR GENERATING VOLUME IMAGE

which is described and claimed in (if the following box is not checked, the specification of which is attached hereto):

- ☐ the attached specification, or  
☐ the specification in the Application No. \_\_\_\_\_ filed on \_\_\_\_\_;  
and with amendments filed on \_\_\_\_\_ (if applicable), or  
☒ the specification in International Application No. PCT/ JP2004/009574  
filed 30 June, 2004 and as amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a-d), §172, or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED

☐ Additional foreign or international application numbers are listed on a supplemental priority sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below.

Number	(Day/Month/Year Filed)
60/483,229	30/06/2003

☐ Additional U.S. provisional application numbers are listed on a supplemental priority sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(C) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of

Docket No.

MEI Form -1.2, (July 1, 2005)

the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

APPLICATION NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

☐ Additional U.S. or international application numbers are listed on a supplemental priority sheet attached hereto.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the attorneys and agents associated with U.S. Patent and Trademark Office Customer Number identified below to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that customer number.

I hereby authorize the U.S. attorneys and agents associated with the customer number to accept and follow instructions from Matsushita Electric Industrial Co., Ltd., and any affiliated or subsidiary company thereof, received via their corporate representatives and/or their foreign patent attorneys or agents, if any, as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys or agents and myself.

Direct Correspondence to:

**CUSTOMER NUMBER 52044**

I further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

<b>Full Name of Sole or First Inventor</b>	<b>FIRST NAME</b> Yasushi	<b>LAST NAME</b> UESAKA	<b>SIGNATURE</b> <i>Yasushi Uesaka</i>	<b>DATE OF SIGNATURE</b> Nov. 21, 2005
<b>Residence &amp; Citizenship</b>	<b>CITY</b> Sanda-shi	<b>STATE OR COUNTRY</b> Japan	<b>COUNTRY OF CITIZENSHIP</b> Japan	
<b>Post Office Address</b>	<b>ADDRESS</b> 2-16-16, Tsutsujigaoka-Kita, Sanda-shi, Hyogo 669-1348 Japan	<b>CITY</b>	<b>STATE OR COUNTRY</b>	<b>ZIP CODE</b>

<b>Full Name of Second Inventor</b>	<b>FIRST NAME</b> Tomoyuki	<b>LAST NAME</b> OKADA	<b>SIGNATURE</b> <i>Tomoyuki Okada</i>	<b>DATE OF SIGNATURE</b> Nov 21, 2005
<b>Residence &amp; Citizenship</b>	<b>CITY</b> Nara-shi	<b>STATE OR COUNTRY</b> Japan	<b>COUNTRY OF CITIZENSHIP</b> Japan	
<b>Post Office Address</b>	<b>ADDRESS</b> 1-8-19-303, Tomio-motomachi, Nara-shi, Nara 631-0078 Japan	<b>CITY</b>	<b>STATE OR COUNTRY</b>	<b>ZIP CODE</b>

Docket No.

MEI Form -1.2, (July 1, 2005)

Full Name of Third Inventor	FIRST NAME Masayuki	LAST NAME KOZUKA	SIGNATURE <i>Masayuki Kozuka</i>	DATE OF SIGNATURE Nov. 22, 05
Residence & Citizenship	CITY Neyagawa-shi	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
Post Office Address	ADDRESS 19-1-1207, Ishizuminamimachi, Neyagawa-shi, Osaka 572-0024	CITY Japan	STATE OR COUNTRY	ZIP CODE

(If there are more than seven inventors, please add a copy of this page for identification and signature for the additional inventors)

The above application may be more particularly identified as follows:

U.S. Application No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Applicant Reference Number P034802-03 Attorney Docket No. \_\_\_\_\_



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/561,208	12/16/2005	2615	1350	92478-8200	34	20	4

CONFIRMATION NO. 4029

52044  
 SNELL & WILMER L.L.P.  
 600 ANTON BOULEVARD  
 SUITE 1400  
 COSTA MESA, CA 92626

## FILING RECEIPT



\*OC000000018575216\*

Date Mailed: 04/25/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Yasushi Uesaka, Sanda-shi, JAPAN;  
 Tomoyuki Okada, Nara-shi, JAPAN;  
 Masayuki Kozuka, Neyagawa-shi, JAPAN;

**Power of Attorney:** The patent practitioners associated with Customer Number **52044**.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/09574 06/30/2004  
 which claims benefit of 60/483,229 06/30/2003

## Foreign Applications

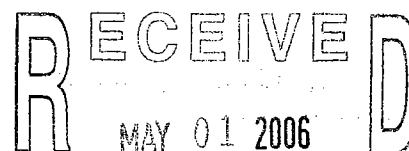
If Required, Foreign Filing License Granted: 04/19/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/561,208**

Projected Publication Date: 07/27/2006

Non-Publication Request: No

Early Publication Request: No



SNELL &amp; WILMER



**Title**

Apparatus and computer-readable program for program for generating volume image

**Preliminary Class**

386

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).